

**JOB DESCRIPTION**

**Job Title:** Lecturer(s)/Senior Lecturer(s) in Biochemistry/Molecular Biology~~/~~Clinical Genetics/Pharmacology

**Number of Posts: Three,** 2 x 1 FTE (full time) and 1x 0.5 FTE (part-time)

**School:** HSB – Health, Sport and Bioscience

**Grade:** Lecturer/Senior Lecturer (L 33-43) inclusive of London Weighting

Salary: £45,829 - £ 59,913per annum inc. LW, pro rata

**Campus:** Stratford, London

**Responsible to:** Subject Area Lead and Head of Bioscience

**Liaison with:** University staff, students, local employers, and other professional and academic organisations.

**ABOUT THE UNIVERSITY OF EAST LONDON**

The University of East London has been pioneering futures since 1898: from the 2nd Industrial Revolution through to where we are now, the 4th. We are a career-led university, dedicated to supporting our students to develop the skills, emotional intelligence and creativity needed to thrive in a constantly changing world.

Vision 2028 has been developed to transform our curriculum, pedagogy, research impact and partnerships to make a positive difference to students, graduates, and community success. Our ambitious but achievable goal is to become the leading career-focused, enterprising university in the UK, one which both prepares our students for the jobs of the future and provides the innovation to drive that future sustainably and inclusively.

**THE SCHOOL AND DEPARTMENT**

Based at our Stratford and Docklands campuses, the School of Health, Sport and Bioscience has experienced considerable growth over the last 5 years. In addition, we are currently developing our postgraduate and research programmes involving wide collaboration in the UK and overseas. Owing to this continued success and our increasing student numbers, we are looking for vibrant and ambitious individuals to help us realise our vision for the future. Such individuals will have the opportunity to develop and grow with the School and University.

The School of Health, Sport and Bioscience brings together UEL’s innovative research and teaching in the subject areas of Bioscience, Sport, Allied Health Professions (Professional Health Sciences), Nursing and Health Studies. From the recent REF the majority of our research has been judged at international excellence with some world-leading outputs. Current key research themes focus on the management of chronic diseases and the development of new therapies. Such research is carried out in close collaboration with international and national partners, including local NHS Trusts.

The School has invested heavily in the Department of Bioscience based in Stratford Campus and our laboratories are modern and suitably equipped to provide a high quality, internationally excellent teaching, and research environment. We offer a range of opportunities to our students through our links with employers, local NHS Trusts, professional bodies, and other organisations.

Our strong research profile in the Bioscience area is focused around three distinct research groups: The *Medicines Research Group*, with an active programme around rational drug design, anti-inflammatory, anti-cancer and antimicrobial phytopharmaceuticals, pre-clinical *in vitro* toxicity testing and addiction neurobiology; *Infection and Immunity Group*, working on genomic sequences and relevance of various human and animal parasites, immunological mechanisms of disease focused on the study of disease mechanisms of major economic and health impact; *Clinical Research Group*, currently focusing on translational and clinical applied health research in arthritis and inflammatory bowel disease. In addition, we have a growing interest in the exploitation of our research and are keen to develop research into biotechnology. We also engaged in an active programme to improve our student experience and success rates, our NSS responses and our league table standing.

We are further investing in the Department employing new Lecturers or Senior Lecturers teaching our Foundation, BSc, and MSc courses to diversify our current academic provision. A strong focus and commitment to the enhancement of teaching, student experience and progression is thus required from any appointees.

**JOB PURPOSE**

The post holder will participate in the delivery of teaching for courses held within the Department of Bioscience, in particular the BSc (Hons) Biochemistry and Biotechnology, BSc (Hons) Pharmacology and the MSc Biomedical Science courses. Ideally the candidates will have wide ranging expertise in Biochemistry, Molecular Biology, Pharmacology or Genetics. As well as teaching, the post-holder will work closely with the respective course leaders and associated delivery teams to support the management and administration of existing modules and courses and the development of curriculum for new modules and courses. You will have a PhD (or equivalent) qualification in a relevant and appropriate discipline, as well as experience of teaching and/or student supervision in higher education together with a strong commitment to the student experience. Work experience and expert knowledge in a relevant profession are essential.

As a member of the academic team, the post holder will assist with, contribute to, and potentially lead in the development of academic, scholarly, outreach, research and/or knowledge exchange activities within department, school and the wider university, aiming to enhance UEL’s reputation, international recognition and metrics or outputs for the periodic excellence framework assessments.

**Further Details**

Further details of the Department of Biosciences are available at:

<https://www.uel.ac.uk/subjects/subject-areas/medical-sciences>

For further information and informal discussion, candidates may contact Dr. Sophia Semerdjieva(s.i.semerdjieva@uel.ac.uk) for Biochemistry, Molecular Biology, and Clinical Genetics posts, and Dr Mukhlesur Rahman (m.rahman@uel.ac.uk) for Pharmacology.

**MAIN DUTIES AND RESPONSIBILITIES**

**Teaching and Learning:**

• Contribute to the design development and delivery of modules related to Bioscience within the School of Health, Sport and Bioscience.

• Develop high quality teaching and learning materials, on campus and via blended delivery to support the delivery of Bioscience modules/courses with focus on subjects within Biochemistry/Biotechnology, Pharmacology and Biomedical Sciences.

• Consistently and proactively deliver innovative and inclusive teaching, learning and assessment strategies that enhance the student learning experience to students on the Bioscience degrees and/or other courses within the School of Health, Sport and Bioscience

**•** Support our diverse student body through various means, acting as personal tutor, monitoring their progression and achievement and through supporting learning gain.

• Work in partnership with the course team, clinical practice staff, and service users to deliver high quality modules/courses relevant to the needs of service users and their carers/families/significant others.

• Support engagement with partner organizations and other stakeholders, and support learners and placement facilitators/mentors in practice.

• In conjunction with the Head of Department, Subject Area Leads and Course Leaders identify and secure suitable student placements for practice-based learning.

**Research and Knowledge Exchange:**

• Support and contribute to applied research, professional practice, and other scholarly activity in the field of Bioscience as part of the school’s academic development programme.

• Take responsibility for ensuring personal academic and professional development within the field of Bioscience and educational practice is maintained.

• Contribute to knowledge transfer and dissemination of research findings and advance the academic debate in the area of expertise.

**Other:**

• Contribute to university activities, particularly those intended to enhance the student experience and improve the attainment gap.

• Participate and actively engage in university activities, including Open Days, offer holder days, outreach activities, school/college meetings, committees, and assessment boards.

* Be involved in the recruitment and selection process of students and staff commensurate with the grade of Lecturer or Senior Lecturer.

• Work with external partners, professional bodies and organisations promoting the university.

• Contribute to the planning and implementation of the organisational strategy at school and subject level.

• To work within the university’s equal opportunities policies and procedure and actively promote equality, diversity, and inclusion.

• To undertake such duties as may be assigned by the Head of Department.

**PERSON SPECIFICATION**

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| **Attributes** | **Criteria**  | **Tested By** |
| **EDUCATIONAL QUALIFICATIONS AND ACHIEVEMENTS** |
| **Essential criteria** | 1. A good honours degree, MSc and PhD in Biochemistry, Molecular Biology, Genetics, Pharmacology, or relevant discipline.
 | A/C |
| **Desirable criteria** | 1. Certificate in Teaching and Learning in Higher Education and/or Fellow/Senior Fellow status with the HEA and/or equivalent demonstrable teaching experience/qualification.
2. Membership of the Institute of Biomedical Sciences or Royal Society of Biology or another relevant PSRB in UK.
 | A/CA/C |
| **KNOWLEDGE AND EXPERIENCE** |
| **Essential criteria** | 1. Good knowledge base in Bioscience with specific focus in

the area of Biochemistry, Molecular Biology, Pharmacology or Genetics.1. Experience and understanding of teaching Foundation, UG or PG students in the UK.
 | A/P/IA/P/I |
| **Desirable criteria** | 1. Experience of curricula development in related subject
 | A/P/I |
| **SKILLS AND ABILITIES** |
| **Essential criteria** | 1. Excellent IT, communication and presentation skills allowing high quality delivery of teaching sessions both on campus and online.
2. Ability to take the initiative, work with others, monitor own work programme and proactively meet deadlines.
3. Ability to work collaboratively with students and staff to improve the experience of all.
4. Ability to develop good professional relationships with colleagues, employers, other outside agencies, alongside a flexible approach to working hours (i.e., evening and weekend work as needed, sometimes at short notice).
5. Understanding of, and commitment to, improving student experience and effective learning.
 | A/P/IA/P/IA/P/IA/P/I |
| **PERSONAL ATTRIBUTES/QUALITIES** |
| **Essential criteria** | 1. Commitment to, and understanding of, equal opportunities issues within a diverse and multicultural environment.
 | A/P/I |

**Criteria tested by** **Key:**A = Application form
C = Certification
I = Interview
P = Presentation